

# Lata Israni Shukla

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12  
papers

290  
citations

6  
h-index

13  
g-index

13  
ext. papers

341  
ext. citations

2.9  
avg, IF

3.48  
L-index

#	Paper	IF	Citations
12	The role of microRNAs and other endogenous small RNAs in plant stress responses. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2008</b> , 1779, 743-8	6	211
11	Gamma irradiation of medicinally important plants and the enhancement of secondary metabolite production. <i>International Journal of Radiation Biology</i> , <b>2017</b> , 93, 967-979	2.9	33
10	Evidences for differential expression of miR167d-5p, target, positional nucleotide preference, and its role in somatic and different stages of regenerating calli of <i>Oryza sativa</i> . <i>Plant Cell, Tissue and Organ Culture</i> , <b>2019</b> , 136, 537-548	2.7	10
9	Position Based Nucleotide Analysis of miR168 Family in Higher Plants and its Targets in Mammalian Transcripts. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , <b>2017</b> , 6, 136-142	2.9	9
8	EPR studies on gamma-irradiated barley seeds: identification of trapped electrons. <i>Journal of Agricultural and Food Chemistry</i> , <b>2001</b> , 49, 5273-8	5.7	6
7	Evaluation of mature miR398 family, expression analysis and the post-transcriptional regulation evidence in gamma-irradiated and nitrogen-stressed <i>Medicago sativa</i> seedlings. <i>International Journal of Radiation Biology</i> , <b>2019</b> , 95, 585-596	2.9	6
6	FT-IR investigations on effect of high doses of gamma radiation-induced damage to polystyrene and mechanism of formation of radiolysis products. <i>Radiation and Environmental Biophysics</i> , <b>2018</b> , 57, 301-310	2	5
5	Identification of essential constituents for development of embryogenic non-recalcitrant calli from recalcitrant indica rice variety CR1009 and ASD16 <b>2015</b> ,		4
4	Optimization of in vitro culture media for improvement in yield of Navara ancient Indian medicinal rice. <i>3 Biotech</i> , <b>2019</b> , 9, 270	2.8	3
3	The miR408 expression in scutellum derived somatic embryos of <i>Oryza sativa</i> L. ssp. indica varieties: media and regenerating embryos. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2019</b> , 138, 53-66	2.7	2
2	Investigations of scutellum derived calli, cues from size, effective ionic strength of synthetic media and improved regeneration capacity for indica rice. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2020</b> , 142, 95-106	2.7	2
1	Quantification of Conserved MicroRNA in Plants and Validation of New Targets. <i>Springer Protocols</i> , <b>2020</b> , 163-181	0.3	